

an operation received by a computer is an unauthorized operation, and comprising:

- an operation-receiving means for receiving instruction data for executing said operation;

- a first profile-creation means for creating a first profile from said instruction data related to the operation for which instruction data was received by said computer;

- a first profile-storage means for storing said first profile that was created by said first profile-creation means;

- a second profile-creation means for identifying the user that executed said operation by said instruction data, and creating a second profile related to the operation executed by said user;

- a second profile-storage means for storing, according to user, said second profiles created by said second profile-creation means; and

- a score-calculation means for comparing said instruction data with at least one profile that is stored in said first profile-storage means or in said second profile-storage means, and calculating a score for determining whether said operation is an unauthorized operation.

2. The unauthorized-operation-judgment system of claim 1 further comprising:

- a first log-data-storage means for storing log data of said computer; and

- a second log-data-storage means for storing log data according to user of said computer; wherein

- said first profile-creation means references said first log-data-storage means when creating said first profile; and

- said second profile-creation means references said second log-data-storage means when creating said second profile.

3. The unauthorized-operation-judgment system of claim 1 further comprising:

a login-detection means for executing a process for detecting whether a certain user is logged into said computer; wherein

when said login-detection means detects that a certain user is logged in, said second profile-creation means creates a second profile related to said user.

4. The unauthorized-operation-judgment system of claim 3 wherein; said login-detection means executes detection processing at specified intervals while said computer is in operation.

5. The unauthorized-operation-judgment system of claim 3 wherein; when said login-detection means does not detect that a certain user is logged in even though detection processing is executed, said first profile-creation means creates a first profile related to said computer.

6. The unauthorized-operation-judgment system of claim 5 wherein; said login-detection means executes detection processing at specified intervals while said computer is in operation.

7. The unauthorized-operation-judgment system of claim 1 further comprising:

a third profile-creation means for creating a third profile related to an operation executed by a user that is identified as a first-time user, when the user executing said operation by said instruction data is identified as a first-time user operating said computer for the first time; and

a third profile-storage means for storing third profiles that are created by said third profile-creation means; wherein

said score-calculation means uses at least one profile that is stored in said third profile-storage means instead of said second profile-storage means to determine whether said operation is an unauthorized operation.

8. The unauthorized-operation-judgment system of claim 7 further comprising:

an operation-record-storage means for storing, according to user, totals related to at least one of the following: number of logins to said computer, operation time that said computer has been operated, or number of days said computer has been operated; and

a first-time-user-judgment means for referencing said operation-record-storage means, and determining that the user executing said operation is a first-time user using said computer for the first time when said totals do not satisfy preset reference values; and wherein

said third profile-creation means creates a third profile for an operation executed by a user that is determined to be a first-time user by said first-time-user-judgment means; and

said score-calculation means uses at least one profile stored in said third profile-storage means when said first-time-user-judgment means determines that a user is a first-time user, to determine whether said operation is an unauthorized operation.

9. The unauthorized-operation-judgment system of any one of the claims 1 to 8 wherein

said score calculation means calculates a score by calculating the deviation between said instruction data and data that is stored in said profiles.

10. The unauthorized-operation-judgment system of any one of the claims 1 to 8 further comprising:

an operation-stopping means for executing a process for stopping said operation when said score value exceeds a reference value.

11. The unauthorized-operation-judgment system of any one of the claims 1 to 8 further comprising:

a warning-process means for executing a process for displaying a

warning on the operation screen of said computer, or generating a warning alarm on said computer, when said score exceeds a reference value.

12. The unauthorized-operation-judgment system of any one of the claims 1 to 8 further comprising:

a warning-notification-transmission means for sending a notification warning to the administration server operated by the administrator of said computer that there is a possibility of an unauthorized operation, when said score exceeds a reference value.

13. An unauthorized-operation-judgment method for determining whether an operation received by a computer is an unauthorized operation, and comprising:

a step whereby said computer receives instruction data to execute said operation;

a step whereby said computer creates a first profile related to the operation for which instruction data was received by said computer, and stores said first profile in a first profile-storage unit;

a step whereby said computer identifies the user that executed said operation by said instruction data, creates a second profile related to the operation executed by said user and stores said profile in a second profile-storage unit; and

a step whereby said computer compares said instruction data with at least one profile that is stored in said first profile-storage unit or in said second profile-storage unit, and calculates a score for determining whether said operation is an unauthorized operation.

14. An unauthorized-operation-judgment method for determining whether an operation received by a computer is an unauthorized operation, and comprising:

a step whereby said computer receives instruction data for executing said operation;

a step whereby said computer creates a first profile related to the operation for which said instruction data is received by said computer, and sends said profile to a first profile-storage unit;

a step whereby said computer identifies the user that executed said operation by said instruction data, creates a second profile related to the operation executed by said user, and sends said profile to a second profile-storage unit; and

a step whereby said computer obtains at least one profile from said first profile-storage unit or said second profile-storage unit, compares said instruction data with said profile(s), and calculates a score for determining whether said operation is an unauthorized operation.

15. An unauthorized-operation-judgment program for determining whether an operation received by a computer is an unauthorized operation, and causes said computer to execute:

a step of receiving instruction data for executing said operation;

a step of creating a first profile related to the operation for which instruction data was received by said computer, and storing said first profile in a first profile-storage unit;

a step of identifying the user that executed said operation by said instruction data, creating a second profile related to the operation executed by said user and storing said profile in a second profile-storage unit; and

a step of comparing said instruction data with at least one profile that is stored in said first profile-storage unit or in said second profile-storage unit, and calculating a score for determining whether said operation is an unauthorized operation.

16. An unauthorized-operation-judgment program for determining whether an operation received by a computer is an unauthorized operation, and causes said computer to execute:

a step of receiving instruction data for executing said operation;